Fig. 1

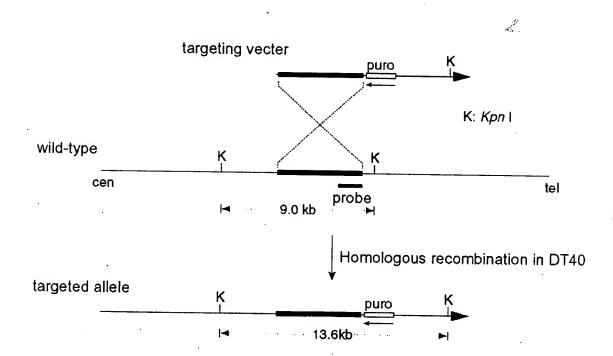


Fig. 2

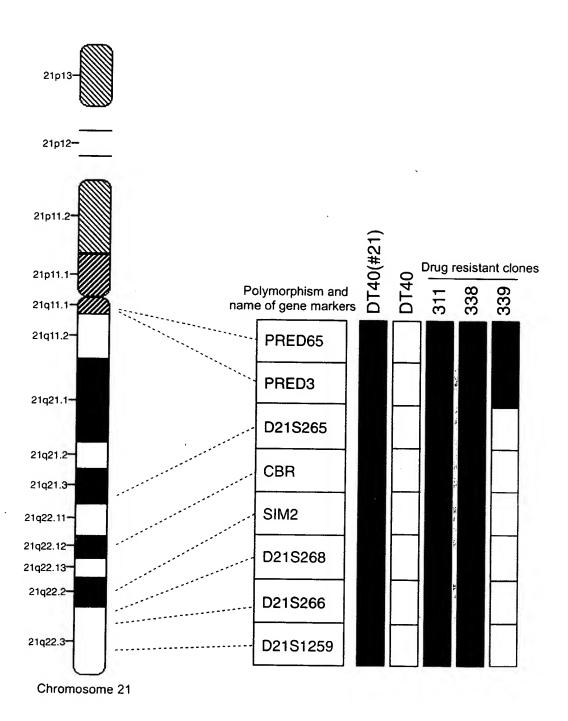


Fig. 3

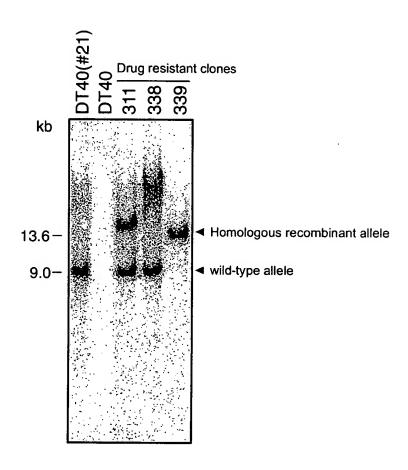


Fig. 4

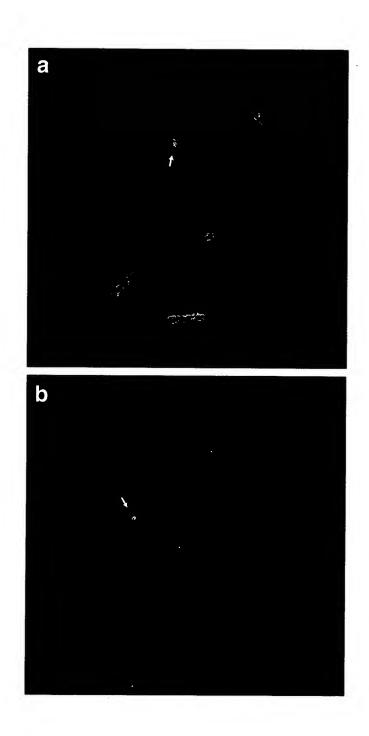
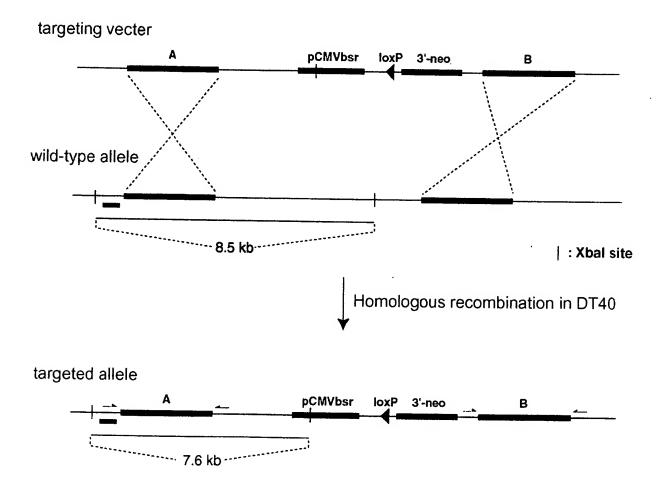


Fig. 5



Title: HUMAN ARTIFICIAL CHROMOSOME (HAC) VECTOR

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Fig. 6

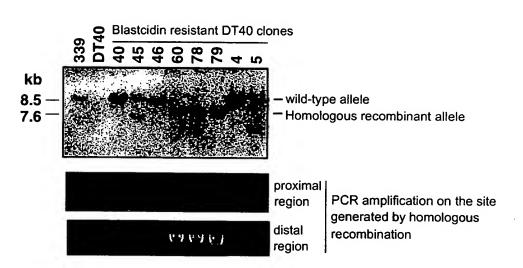


Fig. 7

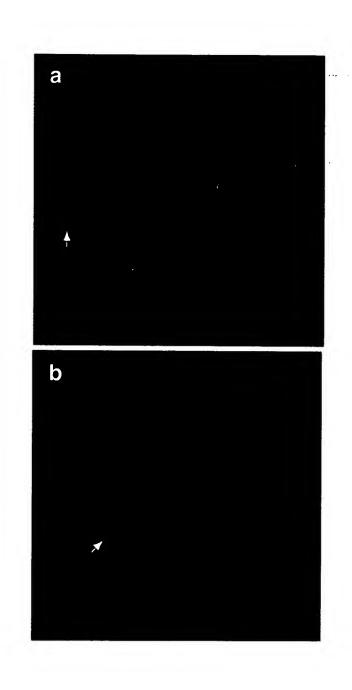
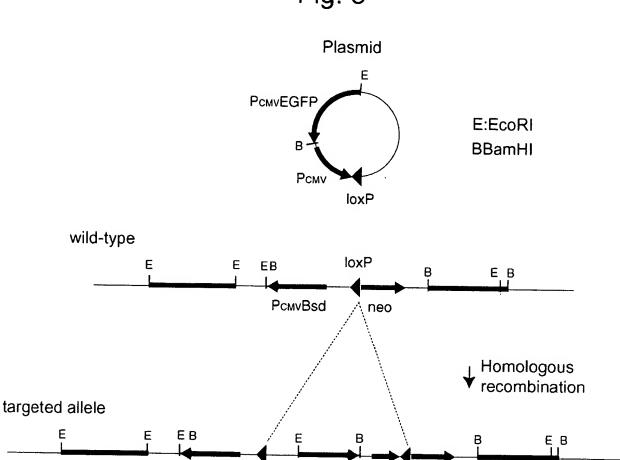


Fig. 8



PCMVEGFP

Рсму пео

PcmvBsd

Fig. 9

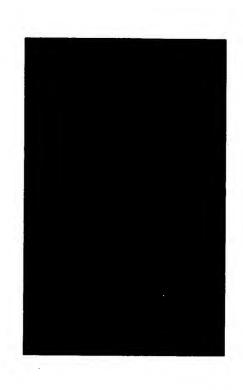
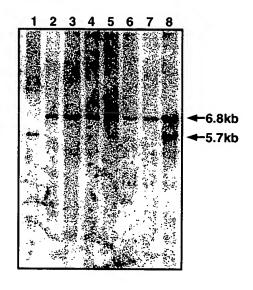


Fig. 10



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VECTOR

Fig. 11

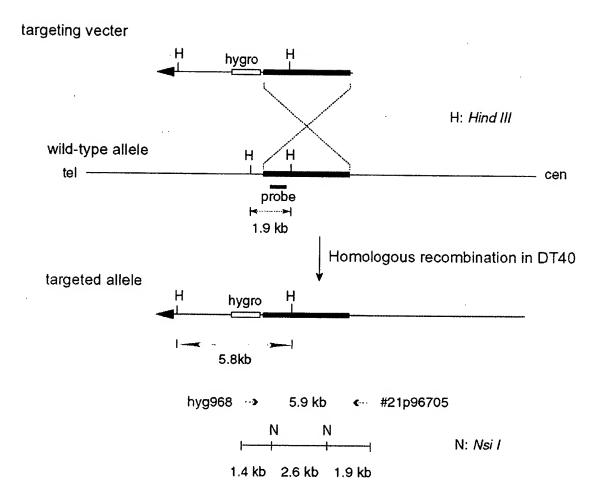


Fig. 12

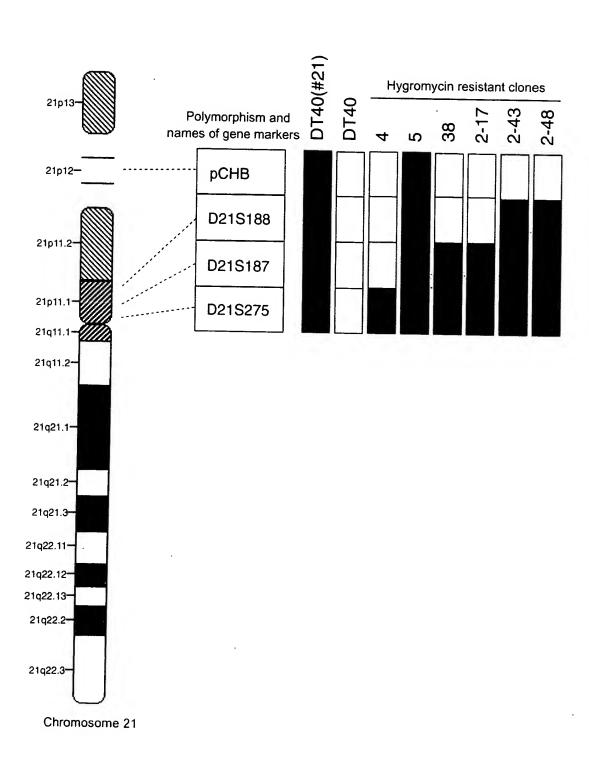


Fig. 13

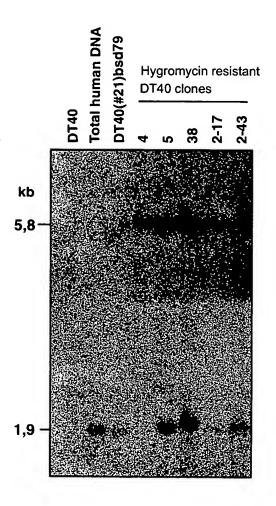
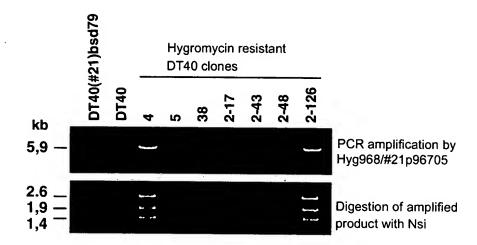


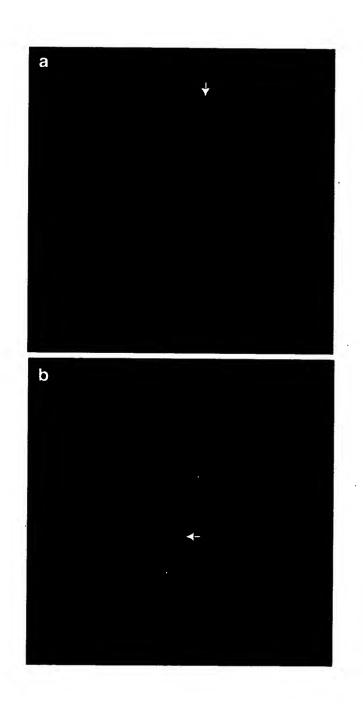
Fig. 14

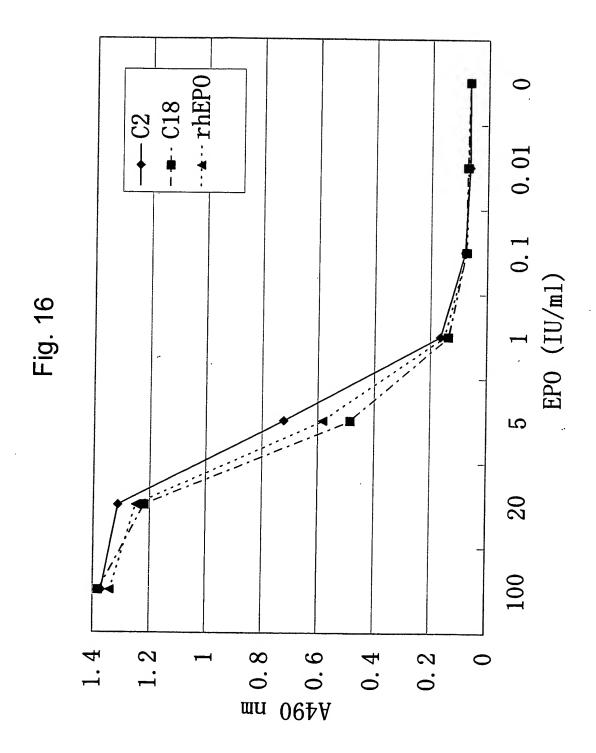


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Fig. 15

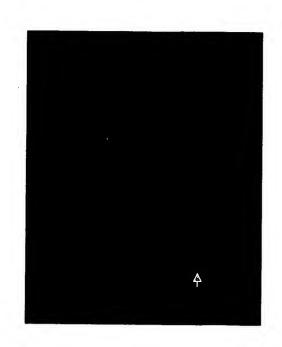




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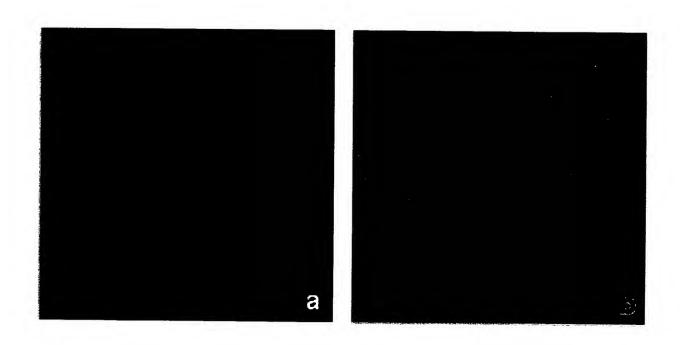
Fig. 17



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Fig. 18

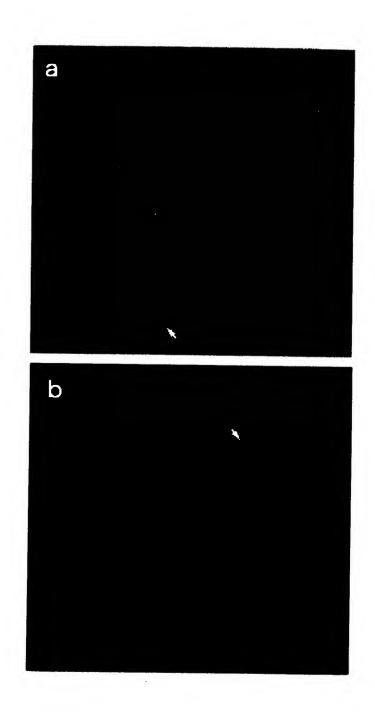


				dicroce	Microcell-fusion clones	clones			
	CHO(#21)		E	E14(#21)neo)eo		CHO(#21)	E14(#21	Hva
PCR markers	ΔqGFP#7-2	1	11	13	14	20	Hyg8	1	2
PCHB	+	+	1	 	+	+			Ì
D21S187	+	+	١	1	.	. 1	l		
#21p76957/77555	+	+	1	ı	ı	I	1		
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Hyg968/ #21p96705	I	ŀ	ı	1	I	ı	+	- +	- +
#21p91203/91976	+	+	1	١	I	1	+	- +	- +
Spe31203/Bam36192	+	1	ļ	ļ	1	ı	- +	- +	- +
D21S275	+	+	1	I	+	+	- +	-	- +
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PRED65F/PRED65R	+	+	+	+	i	ŀ	+	+	İ
PRED3F/ PRED3R	+	+	+	+	1	I	- +	- +	1
#21qEcoF/#21qEcoR	+	+	1		ı	İ	- +	- +	+
Left455F/ Left638R	+	+	+	+	I	i	- +		- +
Right958F/ Right1152R	+	+	١	1	+	ı	- +	- +	- +
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VECTOR
Inventor(s): Mitsuo OSHIMURA et al

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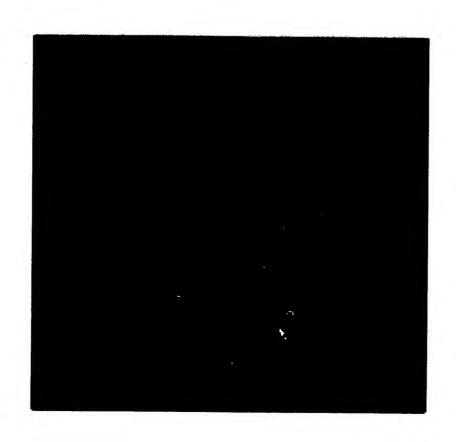
Fig. 20



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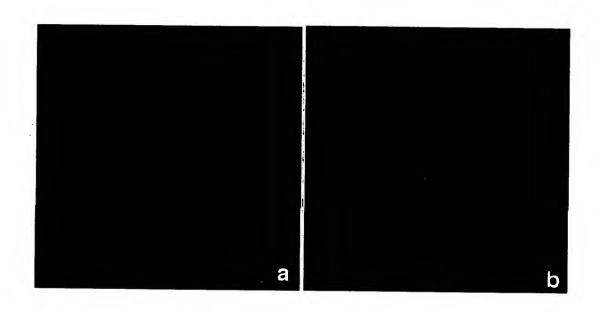
Fig. 21



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Fig. 22



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